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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/756,106	01/09/2001	Joseph M. Cannon	Cannon 114-38-20	5625

7590 12/16/2004

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EXAMINER
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CRAVER, CHARLES R

ART UNIT	PAPER NUMBER
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2682

DATE MAILED: 12/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/756,106

Applicant(s)

CANNON ET AL.

Examiner

Charles R Craver

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 03 August 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 7-14 is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 1-9-01 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ziegler in view of Mauney, both of record.

**Claims 1, 4:** Ziegler discloses a BLUETOOTH wireless piconet device (FIG 3) comprising, inherently, a piconet front end, and means for entering data to allow a user to provide data associated with other devices within range to perform an inquiry (col 6 lines 34-56). According to BLUETOOTH standards, which Ziegler refers to (col 3 lines 37-53), such an inquiry inherently involves the inquiring device receiving unique addresses of the other devices, see pages 37-39.

Ziegler discloses that the data is a BR\_ADDR, an IEEE address, and not a shorter PIN number.

Mauney discloses a handheld wireless device for direct communication with another device (col 6 lines 43-51), which shares functions with a BLUETOOTH device such as device inquiries (col 6 lines 56-65, col 8 lines 15-27), in which a unique address for a device with which the primary device may communicate is retrieved by a menu (col 14 lines 37-51, col 43 lines 41-50); Mauney further discloses that the menu may include a name for the device (col 33 lines 7-18), which reads a passcode selection module.

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify Ziegler in such a way, as Mauney discloses that its features provide flexibility and enhanced performance (col 5 lines 45-48).

**Claim 2:** a BLUETOOTH inquiry returns a list of unique addresses which would be associated with the aforementioned passcode. **Claim 3:** Mauney discloses a browsable list of passcodes. **Claim 5:** the BR\_ADDR is a 48-bit address. **Claim 6:** Mauney discloses lists of addresses of other user's devices which may be stored in numbers of groups and subgroups for retrieval by the user according to a list of associated passcodes (col 16 lines 6-36, col 29 lines 51-67, col 52 lines 9-21).

***Allowable Subject Matter***

Claims 7-14 are allowed.

The following is an examiner's statement of reasons for allowance:

Claims 7 and 11 teach towards (currently amended) a system and method for obtaining a unique address pairing between separate wireless piconet network devices, comprising singly entering a passcode or PIN into a first wireless piconet network device including a piconet front end, said passcode or PIN being distinct from an IEEE address, and providing to said first wireless piconet network device a unique address of a second wireless piconet network device only if a passcode or PIN in said second wireless piconet network devices matches said single entered passcode or PIN, wherein at least two piconet network devices in a common piconet network are associated with said single entered passcode or PIN.

While the BLUETOOTH standards and the prior art teach a passcode and means to resolve said passcode to a BR\_ADDR for an inquiry, it is neither taught nor suggested by the prior art to send a PIN or passcode in a general or limited inquiry for the purposes of matching said PIN to retrieve the BR\_ADDR; the BLUETOOTH standards include means for matching PINs in two devices, but such a pairing or bonding action occurs after an inquiry provides the BR\_ADDR to the inquiring device.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### ***Response to Arguments***

Applicant's arguments with respect to claims 1-6 have been considered but are moot in view of the new ground(s) of rejection.

#### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the

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shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

**Or faxed to:**

(703) 872-9306 for both formal and informal/draft communications, labeled as such.

Hand delivered responses should be brought to Crystal Plaza II, 200  
South 20<sup>th</sup> St, Arlington VA, first floor lobby.

Any inquiry concerning this or earlier communications from the examiner should be directed to examiner Charles Craver at (703) 305-3965.

If attempts to reach the examiner are unsuccessful, the examiner's supervisor, Vivian Chin, can be reached at (703) 308-6739.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist at (703) 305-4700.

CC

C.Craver

December 13, 2004

  
**CHARLES CRAVER**  
**PRIMARY EXAMINER**